

00000000...	DeleteCriticalSection	KERNEL32
00000000...	EnterCriticalSection	KERNEL32
00000000...	GetCurrentProcess	KERNEL32
00000000...	GetCurrentProcessId	KERNEL32
00000000...	GetCurrentThreadId	KERNEL32
00000000...	GetLastError	KERNEL32
00000000...	GetStartupInfoA	KERNEL32
00000000...	GetSystemTimeAsFileTime	KERNEL32
00000000...	GetTickCount	KERNEL32
00000000...	InitializeCriticalSection	KERNEL32
00000000...	LeaveCriticalSection	KERNEL32
00000000...	QueryPerformanceCounter	KERNEL32
00000000...	RtlAddFunctionTable	KERNEL32
00000000...	RtlCaptureContext	KERNEL32
00000000...	RtlLookupFunctionEntry	KERNEL32
00000000...	RtlVirtualUnwind	KERNEL32
00000000...	SetUnhandledExceptionFilter	KERNEL32
00000000...	Sleep	KERNEL32
00000000...	TerminateProcess	KERNEL32
00000000...	TlsGetValue	KERNEL32
00000000...	UnhandledExceptionFilter	KERNEL32
00000000...	VirtualProtect	KERNEL32
00000000...	VirtualQuery	KERNEL32
00000000...	__C_specific_handler	KERNEL32
00000000...	__getmainargs	msvart
00000000...	__initenv	msvart
00000000...	__job_func	msvart
00000000...	__lconv_init	msvart
00000000...	__set_app_type	msvart
00000000...	__setusermatherr	msvart
00000000...	_access	msvart
00000000...	_acmdln	msvart
00000000...	_amsg_exit	msvart
00000000...	_cexit	msvart
00000000...	_errno	msvart
00000000...	_fmode	msvart
00000000...	_initterm	msvart
00000000...	_onexit	msvart
00000000...	abort	msvart
00000000...	calloc	msvart
00000000...	exit	msvart
00000000...	fclose	msvart
00000000...	fgetc	msvart
00000000...	fopen	msvart

Before packing, the PE file imports many functions.

00000000	LoadLibraryA	KERNEL32
00000000	ExitProcess	KERNEL32
00000000	GetProcAddress	KERNEL32
00000000	VirtualProtect	KERNEL32
00000000	exit	msvcrt

This graph shows the number of import functions decrease a lot after packing.

00000000	DeleteCriticalSection	KERNEL32
00000000	EnterCriticalSection	KERNEL32
00000000	GetCurrentProcess	KERNEL32
00000000	GetCurrentProcessId	KERNEL32
00000000	GetCurrentThreadId	KERNEL32
00000000	GetLastError	KERNEL32
00000000	GetStartupInfoA	KERNEL32
00000000	GetSystemTimeAsFileTime	KERNEL32
00000000	GetTickCount	KERNEL32
00000000	InitializeCriticalSection	KERNEL32
00000000	LeaveCriticalSection	KERNEL32
00000000	QueryPerformanceCounter	KERNEL32
00000000	RtlAddFunctionTable	KERNEL32
00000000	RtlCaptureContext	KERNEL32
00000000	RtlLookupFunctionEntry	KERNEL32
00000000	RtlVirtualUnwind	KERNEL32
00000000	SetUnhandledExceptionFilter	KERNEL32
00000000	Sleep	KERNEL32
00000000	TerminateProcess	KERNEL32
00000000	TlsGetValue	KERNEL32
00000000	UnhandledExceptionFilter	KERNEL32
00000000	VirtualProtect	KERNEL32
00000000	VirtualQuery	KERNEL32
00000000	_C_specific_handler	KERNEL32
00000000	__getmainargs	msvcrt
00000000	__initenv	msvcrt
00000000	__job_func	msvcrt
00000000	__konv_init	msvcrt
00000000	__set_app_type	msvcrt
00000000	__setusermatherr	msvcrt
00000000	_access	msvcrt
00000000	_chdir	msvcrt
00000000	_chmsg_exit	msvcrt
00000000	_cexit	msvcrt
00000000	_errno	msvcrt
00000000	_fmode	msvcrt
00000000	_initterm	msvcrt
00000000	_onexit	msvcrt
00000000	abort	msvcrt
00000000	calloc	msvcrt
00000000	exit	msvcrt
00000000	fclose	msvcrt
00000000	fgetc	msvcrt

After unpack, the number of imported functions increases again.

I send my PE-Import to virustotal. Here is the detection Result.

6

/ 69

Community Score

6 engines detected this file

5560f617679afbdaef537f9054db6a309173caaa0e7960e68cc146b9107aae48

PE-Import-packed.exe

64bits overlay peexe

42.46 KB

Size

2019-10-11 00:38:30 UTC

a moment ago

EXE

DETECTION	DETAILS	COMMUNITY
SecureAge APEX	① Malicious	Avira (no cloud) ① HEUR/AGEN.1004702
Cybereason	① Malicious.c784d7	Cylance ① Unsafe
Endgame	① Malicious (moderate Confidence)	F-Secure ① Heuristic.HEUR/AGEN.1004702
Acronis	✓ Undetected	Ad-Aware ✓ Undetected
AegisLab	✓ Undetected	AhnLab-V3 ✓ Undetected
Alibaba	✓ Undetected	ALYac ✓ Undetected
Antiy-AVL	✓ Undetected	Arcabit ✓ Undetected
Avast	✓ Undetected	Avast-Mobile ✓ Undetected
AVG	✓ Undetected	Baidu ✓ Undetected
BitDefender	✓ Undetected	Bkav ✓ Undetected
CAT-QuickHeal	✓ Undetected	ClamAV ✓ Undetected
CMC	✓ Undetected	Comodo ✓ Undetected
CrowdStrike Falcon	✓ Undetected	Cyren ✓ Undetected
DrWeb	✓ Undetected	eGambit ✓ Undetected